

Durham Rural District Council.

---

# ANNUAL REPORT

OF THE

## Medical Officer of Health

( K. FALCONER, M.D., D.P.H. )

FOR THE

Year ended 31st December, 1938.

---

DURHAM :

PRINTED AT THE ADVERTISER PRINTING WORKS, SADLER STREET.

---

1939.



Digitized by the Internet Archive  
in 2017 with funding from  
Wellcome Library

<https://archive.org/details/b29173607>

Durham Rural District Council.

---

# ANNUAL REPORT

OF THE

Medical Officer of Health

( K. FALCONER, M.D., D.P.H. )

FOR THE

Year ended 31st December, 1938.

---

DURHAM :

PRINTED AT THE ADVERTISER PRINTING WORKS, SADLER STREET.

---

1939.

TO THE CHAIRMAN AND MEMBERS OF THE DURHAM RURAL  
DISTRICT COUNCIL.

Ladies and Gentlemen,

I herewith submit my thirteenth Annual Report on the sanitary circumstances, the sanitary administration and the vital statistics of the Rural District of Durham. During the year 1938 good progress was made in rehousing families from condemned houses, and also in providing houses to deal with overcrowding. Much has been accomplished in installing or reconditioning sewage disposal plants and this policy must be actively pursued, as it is essential to have complete water carriage system in every village in the District.

I am, Ladies and Gentlemen,

Your obedient servant,

K. FALCONER, M.D., D.P.H., Oxon.,

Medical Officer of Health.

## 1. GENERAL STATISTICS.

Area (in acres)	...	...	...	...	...	34598
Population (resident) estimated for 1938	...	...	...	...	...	31690
Number of inhabited houses (1938) according to Rate Books	...	...	...	...	...	8776
Rateable value	...	...	...	...	...	£108390
Sum represented by a penny rate	...	...	...	...	...	£327

## 2. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Births	{	Legitimate	...	...	Total.	M.	F.	}	Birth Rate.
		Illegitimate	...	...	524	270	254		
					23	13	10		17.26
Still births	...	...	...	...	14	13	1		Rate per 1000 births 25.59
Deaths	...	...	...	...	369	199	170		Death Rate 11.64
Deaths from diseases and accidents of pregnancy and childbirth.									
		{	from sepsis		...	2	{	Rate per 1000 total (live and still) births	
			from other causes		...	1		5.34	

Deaths of Infants under one year of age per 1,000 births :—

Legitimate, 59 ; Illegitimate, 87 ; Total, 60.

Deaths from Measles (all ages)	...	...	...	...	...	1
Deaths from Whooping Cough (all ages)	...	...	...	...	...	1
Deaths from Diarrhoea (under 2 years of age)	...	...	...	...	...	5
Deaths from Cancer (all ages)	...	...	...	...	...	49



TABLE I.

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates, and Case-rates for certain Infectious Diseases in the year 1938.

	England and Wales.	Durham Rural District.
	Rates per 1,000 Population.	
BIRTHS :—		
Live ... ..	15.1	17.26
Still ... ..	0.60	0.44
DEATHS :—		
All Causes ... ..	11.6	11.64
Typhoid and Paratyphoid fevers ...	0.00	0.00
Smallpox ... ..	0.00	0.00
Measles ... ..	0.04	0.03
Scarlet fever ... ..	0.01	0.03
Whooping Cough ... ..	0.03	0.03
Diphtheria ... ..	0.07	0.35
Influenza ... ..	0.11	0.09
NOTIFICATIONS :—		
Smallpox ... ..	0.00	0.00
Scarlet fever ... ..	2.41	3.82
Diphtheria ... ..	1.58	5.05
Enteric fever ... ..	0.03	0.00
Erysipelas ... ..	0.40	0.54
Pneumonia ... ..	1.10	0.6
	Rates per 1,000 Live Births.	
Deaths under 1 year of age ... ..	53	60
Deaths from Diarrhoea and Enteritis under 2 years of age ... ..	5.5	9.1
MATERNAL MORTALITY :—		
Puerperal Sepsis ... ..	0.89	3.66
Others ... ..	2.19	1.83
Total ... ..	3.08	5.49
	Rates per 1,000 Total Births (i.e., Live and Still).	
MATERNAL MORTALITY :—		
Puerperal Sepsis ... ..	0.86	3.57
Others ... ..	2.11	1.78
Total ... ..	2.97	5.34
NOTIFICATIONS :—		
Puerperal fever ... ..	14.42	14.26
Puerperal pyrexia ... ..		

### VITAL STATISTICS.

The health of the Durham Rural District during the year 1938 was maintained at a satisfactory level. The chief vital statistic rates compare favourably with those for England and Wales as a whole. The death-rate is similar, and the birth-rate is appreciably greater than that of the country as a whole. The birth-rate of 17.26 per 1,000 population shows an increase on 16.93 for the preceding year and this is a most satisfactory feature of the present rates. Over a period of years the birth-rate, in common with that of the country as a whole, has been showing a gradual and continuous decline and a consideration of the figures for this District during the past few years appear to give evidence that this rate is becoming stabilised in this District at about 17 per 1,000.

The crude death-rate of 11.64 per 1,000 population is an appreciable improvement on 13.12 for the previous year. There were registered 369 deaths of persons belonging to the District, 199 being males and 170 females. As usual, the largest number of these deaths occurred in the age-period of 65 years and upwards, 152 deaths or 41% of the total deaths belonging to this group. With regard to the causes of death, the largest number of deaths was accredited to Heart Disease, 82 deaths being registered as due primarily to this cause. Respiratory Diseases were the causes assigned to 29 deaths, and Cancer and Malignant Diseases accounted for 49 deaths which is the highest total for this cause for many years.

The infant mortality rate of 60 per 1,000 births is low for this District compared with past years and is satisfactory, although it is in excess of the low figure of 53 for England and Wales as a whole.

**TABLE II.—Chief Vital Statistics for the Years 1934 to 1938,  
in Durham Rural District, expressed as rates per 1,000  
population.**

	1934	1935	1936	1937	1938
Birth-rate ... ..	16.86	16.31	17.63	16.93	17.26
Death-rate ... ..	11.89	11.94	12.22	13.12	11.64
Zymotic Death-rate ...	0.26	0.48	0.78	0.78	0.59
Infant Mortality (per 1,000 births) ...	76	77	61	64	60
Small-pox ... ..	Nil.	Nil.	Nil.	Nil.	Nil.
Scarlet Fever ... ..	0.06	0.03	Nil.	Nil.	0.03
Diphtheria ... ..	0.06	0.14	0.57	0.55	0.35
Enteric Fever ... ..	Nil.	0.03	Nil.	Nil.	Nil.
Measles ... ..	0.03	Nil.	0.04	Nil.	0.03
Whooping Cough ...	Nil.	0.10	0.04	0.13	0.03
Diarrhœa and Enteritis (under 2 years) ...	0.10	0.17	0.07	0.09	0.16
Phthisis ... ..	0.77	0.35	0.39	0.82	0.54
Other Tubercular Diseases ... ..	0.19	0.21	0.11	0.03	0.13
Acute Respiratory Diseases ... ..	0.99	1.14	1.38	1.19	0.79
Influenza ... ..	0.32	0.14	0.11	0.42	0.09



**TABLE III.—Births during the year ended 31st December, 1938, in Durham Rural District (uncorrected).**

	Legitimate.		Illegitimate.	
	Males.	Females	Males.	Females.
Bearpark ... ..	18	18	1	—
Belmont ... ..	25	23	—	—
Brancepeth ... ..	2	—	—	—
Cassop-cum-Quarrington	20	27	1	—
Coxhoe ... ..	51	38	2	3
Framwellgate Moor ...	19	22	2	—
Hett ... ..	4	1	—	—
Kelloe & Garmondsway...	9	3	—	—
Kimblesworth ... ..	8	12	—	1
Pittington ... ..	7	14	—	1
Shadforth... ..	25	21	—	—
Sherburn ... ..	19	17	—	—
Sherburn House ... ..	—	—	—	—
Shincliffe ... ..	3	2	—	—
Sunderland Bridge ...	6	7	—	—
West Rainton ... ..	18	12	—	—
Whitwell House ... ..	—	—	—	—
Witton Gilbert ... ..	17	8	4	1
Totals ... ..	251	225	10	6

**TABLE IV.—DEATHS during the Year 1938, in DURHAM RURAL DISTRICT, classified according to CAUSE and AGE.**

CAUSES OF DEATH.	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 years and upwards.
All Causes ... ..	369	33	8	11	14	15	39	97	152
Typhoid and Paratyphoid Fevers ... ..	...	...	...	...	...	...	...	...	...
Measles ... ..	1	...	1	...	...	...	...	...	...
Scarlet Fever ... ..	1	...	...	...	1	...	...	...	...
Whooping Cough ... ..	1	...	1	...	...	...	...	...	...
Diphtheria ... ..	11	...	...	2	6	2	1	...	...
Influenza ... ..	3	...	...	...	1	...	...	...	2
Encephalitis Lethargica ... ..	3	...	...	...	...	1	1	...	1
Cerebro Spinal Fever ... ..	2	...	...	...	...	...	2	...	...
Tuberculosis of Respiratory System ... ..	17	...	...	...	...	3	10	4	...
Other Tuberculous Dis. ... ..	4	...	...	3	...	...	1	...	...
Syphilis ... ..	...	...	...	...	...	...	...	...	...
General Paralysis of the Insane : Tabes dorsalis ... ..	3	...	...	...	...	...	...	2	1
Cancer, Malignant Dis. ... ..	49	...	...	...	...	...	2	24	23
Diabetes ... ..	6	...	...	...	...	...	3	2	1
Cerebral Hæmorrhage &c ... ..	21	...	...	...	...	...	...	6	15
Heart Disease ... ..	82	...	...	...	...	1	5	27	49
Aneurysm ... ..	...	...	...	...	...	...	...	...	...
Other Circulatory Dis. ... ..	18	...	...	...	...	...	1	3	14
Bronchitis ... ..	11	3	...	...	...	...	...	1	7
Pneumonia (all forms) ... ..	14	4	...	2	...	...	1	5	2
Other Respiratory Dis. ... ..	4	...	...	...	1	...	1	1	1
Peptic Ulcer ... ..	...	...	...	...	...	...	...	...	...
Diarrhœa (under 2 yrs.) ... ..	5	3	2	...	...	...	...	...	...
Appendicitis ... ..	4	...	...	...	1	...	1	...	2
Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...	...
Other Diseases of the Liver ... ..	3	...	...	...	...	...	1	1	1
Other Digestive Dis. ... ..	5	...	...	...	...	...	...	3	2
Acute and Chronic Nephritis ... ..	5	...	...	...	...	...	...	4	1
Puerperal Sepsis ... ..	2	...	...	...	...	...	2	...	...
Other Puerperal Causes ... ..	1	...	...	...	...	...	1	...	...
Congenital Debility, Premature Birth and Malformation, etc. ... ..	18	18	...	...	...	...	...	...	...
Senility ... ..	12	...	...	...	...	...	...	...	12
Suicide ... ..	3	...	...	...	...	...	2	1	...
Other Violence... ..	12	1	...	2	4	1	2	1	1
Other defined Diseases ... ..	45	3	4	2	...	6	2	12	16
Causes ill-defined or unknown ... ..	3	1	...	...	...	1	...	...	1

**TABLE V.—Infantile Mortality during the Year 1938 in  
Durham Rural District.**

Cause of Death.	Under 1 week.	1—2 weeks.	2—3 weeks.	3—4 weeks.	Total under 1 month.	1—3 months.	3—6 months.	6—9 months.	9—12 months.	Total Deaths under 1 year.
Measles ... ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	...	...	1	1	...	2	...	...	3
Pneumonia (all forms) ...	...	...	...	...	...	2	1	1	...	4
Convulsions ... ..	...	...	...	...	...	...	...	1	...	1
Diarrhœa, &c. ... ..	...	...	1	1	2	...	...	...	1	3
Injury at Birth ... ..	...	...	...	...	...	...	...	...	...	...
Congenital Debility ...	6	...	...	1	7	...	...	1	...	8
Malformations ... ..	...	...	...	...	...	...	...	...	...	...
Premature Birth ... ..	6	...	2	...	8	1	...	1	...	10
Other Causes ... ..	1	...	...	...	1	...	2	1	...	4
Totals ... ..	13	...	3	3	19	3	5	5	1	33

TABLE VI.—Vital Statistics of Whole District during 1938 and previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 year of age		At all ages.	
			Number.	Rate.					Num-ber.	Rate per 1,000 Nett Births.	Num-ber.	Rate.
1929	32,630	646	642	19.71	383	11.74	43	58	58	90	398	12.19
1930	32,630	652	662	20.29	345	10.57	43	62	51	77	364	11.15
1931	31,600	561	584	18.48	379	11.93	46	55	46	78	388	12.28
1932	31,430	538	560	17.82	539	11.42	51	76	49	87	384	12.22
1933	31,280	504	532	17.01	360	11.51	42	63	43	81	381	12.18
1934	31,130	492	525	16.86	340	10.92	33	63	40	76	370	11.89
1935	28,070	445	470	16.31	326	11.61	48	66	36	77	344	11.94
1936	28,070	469	495	17.63	335	11.93	57	65	30	61	343	12.22
1937	31,520	481	519	16.93	344	11.22	36	94	33	64	402	13.12
1938	31,690	492	547	17.26	349	11.01	53	73	33	60	369	11.64



## THE PROVISION OF INSTITUTIONAL TREATMENT FOR THE AREA.

HOUGHALL ISOLATION HOSPITAL continued to work under full pressure during the early months of 1938 and during this period the Nursing Staff had to be augmented by the engagement of temporary nurses. During this period the bed accommodation was inadequate to cope with all the cases of Diphtheria and arrangements were made to send patients to neighbouring hospitals as shown in the subjoined table.

Admissions during 1938 :—

Scarlet Fever...	...	...	...	...	...	118
Admitted as Scarlet Fever but diagnosis not confirmed	...	...	...	...	...	6
Diphtheria	...	...	...	...	...	137
Admitted as Diphtheria but diagnosis not confirmed	...	...	...	...	...	17
Diphtheria " Carriers "	...	...	...	...	...	8
Total	...	...	...	...	...	<u>286</u>

Admitted to neighbouring Hospitals during the year 1938 :—

	Fever Hospital.					Diphtheria.
Chester-le-Street	...	...	...	...	...	3
Houghton	...	...	...	...	...	16
Sedgefield	...	...	...	...	...	1
Hetton	...	...	...	...	...	3
Total	...	...	...	...	...	<u>23</u>

STAFF of the PUBLIC HEALTH DEPARTMENT :—

K. Falconer, M.D., D.P.H., Medical Officer of Health.  
W. Anderson, C.R.San.I., Sanitary Inspector for Western District.  
S. Beever, C.R.San.I., Sanitary Inspector for Eastern District.  
S. Dodds, Sanitary Surveyor.  
F. Wilson, Junior Clerk.  
J. Fall, Junior Clerk.

These are all whole-time officers, the Sanitary Surveyor being also Highways Surveyor to the Council. Contributions by Exchequer grants are made to the salaries of the Medical Officer of Health and the Sanitary Inspectors. The Sanitary Inspectors possess the Diploma of the Royal Sanitary Institute and the Certificate for the Inspection of Meat and Other Foods.



Adoptive Acts in Force in the Area :—

Public Health Act's Amendments Act, 1907 :

Part II.—Sect.'s 15 to 18 inclusive ; sect.'s 20 to 23 inclusive.

Part III.—Sect.'s 34 to 38 inclusive ; sect.'s 43 to 46 inclusive and sect. 49.

Part IV.—sect.'s 52 to 67 inclusive.

Sect.'s 39 to 42 inclusive in all contributory places within the District with the exception of Whitwell and Kimblesworth.

Public Health Act, 1925 :

Sect.'s 13 to 16 inclusive, 20, 23, 25 to 33 inclusive, 37, 38 and 40 to 43 inclusive.

Operative from 1st April, 1926.

Public Health Act, 1875 :

Section 112.

### SANITARY CIRCUMSTANCES OF THE AREA.

#### Drainage and Sewerage.

AUTON STILE AND ALDIN GRANGE.—A contract has been let for the carrying out of a scheme of new sewerage and sewage disposal works which are now in an advanced stage of construction.

BEARPARK SEWAGE WORKS.—New sludge drying beds have been constructed at these works with satisfactory results.

BOWBURN.—The Contractors are making good progress with the construction of new sewers and sewage disposal works for this village.

CASSOP COLLIERY VILLAGE.—Good progress has been made in the construction of outfall sewer and new sewage disposal works for this township.

COXHOE BECK.—The scheme for covering in a section of the beck with a concrete culvert was completed on the 17th August, 1938.

COXHOE AND CORNFORTH LANE.—A comprehensive scheme of sewerage and sewage disposal works for this district to replace the existing obsolete works is in course of preparation.

CROXDALE COLLIERY VILLAGE, CROXDALE AND SUNDERLAND BRIDGE VILLAGE.—A scheme for enlarging the present sewage outfall works at Sunderland Bridge to deal with the additional flow of sewage from Croxdale and Croxdale Colliery Village has been sanctioned by the Ministry of Health and tenders will shortly be submitted to the Council for the construction of the works.

KIMBLESWORTH COLLIERY VILLAGE.—Plans and estimates have been prepared for the laying of a new outfall sewer therefrom and the extension of Plawsworth Gate sewage outfall works and will be submitted to the Ministry of Health in due course.

LITTLETON (HEATHER VIEW) SEWAGE WORKS.—The construction of a new sewage ejector and ejector station to lift the sewage from this terrace for delivery to High Pittington outfall works was completed on the 27th June, 1938.

LOW AND HIGH PITTINGTON.—A scheme is in course of preparation for the construction of a pumping station at Low Pittington to raise the sewage therefrom to the existing sewage outfall works, which are to be enlarged, at High Pittington.

QUARRINGTON HILL.—Plans are being prepared for the construction of a sewage ejector and contingent works for raising the sewage from the Northern sections of Reading Room Street, Quarrington Hill, for gravitation to the existing outfall works at East Hetton.

SHINCLIFFE COLLIERY VILLAGE.—The approved scheme of sewerage and sewage disposal for this village is in an advanced stage of construction.

SHINCLIFFE VILLAGE.—A new scheme of sewerage and sewage disposal for this village has received the sanction of the Ministry of Health and is now under construction.

WEST RANTON.—The construction of the scheme of sewers and outfall works for West Ranton, Ranton Gate and Leamside is well advanced.

WITTON GILBERT.—New sewage outfall works for this township are in course of construction.

BUS SHELTER.—A public lavatory and bus shelter has been erected in the village of Sherburn.

WATER SUPPLY.—New service mains have been laid at the various Council and Private Enterprise Housing Estates and the supplies of water in the areas under the control of the Durham Rural District Council have been maintained during the year.

GENERALLY.—The public sewers and sewage disposal works throughout the district have received regular and frequent attention and the effluents therefrom are satisfactory.

## Particulars of Scavenging by Contract :—

Parishes.	1936		1937		1938	
	Total Cost £	Cost per house.	Total Cost. £	Cost per House.	Total Cost. £	Cost per House.
Bearpark ... ..	225	10/10	333	10/11	338	11/1
Belmont ... ..	347	9/2	50	8/11½	—	—
Broom ... ..	502	11/4	—	—	—	—
Cassop-cum-Quarrington	387/12	10/10½	443	10/11	542/10	11/6
Coxhoe ... ..	467	10/5	751	10/11	855	11/2
Hett ... ..	33	8/3	30	9/8	36	11/7
Pittington ... ..	308	10/5	—	—	—	—
Shadforth ... ..	134	10/8	20	12/10½	20	12/6
Shincliffe ... ..	87	6/4	95	6/9½	95	6/9½
Sunderland Bridge ...	132	9/-	133	9/3	127	8/10½
West Rainton ... ..	—	—	360/1/3	12/1	183/12/6	11/9
Kelloe ... ..	—	—	115	10/9	115	10/9
Totals... ..	2622/12	10/3	2330/1/3	10/3½	2312/2/6	10/8

## Scavenging by Direct Labour :—

Sherburn, Sherburn House, Pittington, Belmont and part Shadforth ... ..	889/3/8	17/3	2035/6/2 (2491 houses).	16/4	1821/9/7 (2535 houses).	14/4½
Framwellgate Moor, Kim- blesworth, and Witton Gilbert ... ..	578/10/	12/-	975/15/	13/5	981/11/	13/5
West Rainton ... ..	—	—	—	—	222/6/8	7/- (6 mths).
Totals and Averages ...	1467/13/8	14/9	3011/1/2	15/5	3025/7/3	13/10

## Scavenging.

During the year the removal of household refuse has been carried out satisfactorily and much attention has been given to the supervision of refuse tips to minimise any risks of nuisances being created. Scavenging in the District is done by contract in seven parishes, and direct labour schemes, by horse and motor traction, operate in nine parishes.

## Eradication of Bed-Bugs.

Particulars of action taken for the eradication of Bed-Bugs :—

- A.—(1) No. of Council houses infested ... .. 4  
 (2) No. of other houses infested ... .. 5  
 (3) No. of Council houses disinfested ... .. 4  
 (4) No. of other houses disinfested ... .. 5
- B. Fumigating with “Furmex” and spraying walls, floors and furniture with “Zaldecyde” fluid.
- C. None.
- D. The disinfestation was carried out by the Sanitary Inspectors.
- E. Disinfectant soap and fluid supplied.



**TABLE VII.—Number of Privy Middens, Ash Closets and Water Closets in the Durham Rural District on December 31st, 1938.**

Parish.	Privy Middens.	Ash Closets.	Water Closets.
Bearpark ... ..	8	450	222
Belmont ... ..	—	14	720
Cassop-cum-Quarrington ...	7	241	623
Coxhoe ... ..	7	563	924
Framwellgate Moor ... ..	—	36	724
Kelloe ... ..	2	211	1
Kimbleworth ... ..	—	230	55
Hett ... ..	8	64	2
Pittington ... ..	93	168	248
Shadforth ... ..	—	65	345
Sherburn ... ..	—	339	551
Shincliffe ... ..	20	144	116
Sunderland Bridge ... ..	9	130	114
Sherburn House & Whitwell	3	3	36
Brancepeth ... ..	7	3	36
West Rainton ... ..	—	495	131
Witton Gilbert... ..	—	74	306
Moor House ... ..	—	14	1
<b>TOTAL ...</b>	<b>164</b>	<b>3244</b>	<b>5155</b>

## SANITARY INSPECTION OF THE DISTRICT :—

Particulars of house inspections during the year are given on page 18.

**TABLE VIII.—Summary of Notices served during the Year ended December 31st, 1938.**

	In- formal Notices.	Statu- tory Notices.	Total.	Number complied with.
Dwelling Houses :—				
Defective and Insufficient Ash- bins ... ..	6	—	6	6
General Defects ... ..	42	898	940	508
Drains blocked ... ..	15	—	15	12
Overcrowding ... ..	5	—	5	5
Dirty Houses ... ..	3	—	3	3
Defective sanitary conveniences	2	—	2	2
Insufficient Water Supply ...	22	—	22	5
Privy and Ashcloset Conversions	1	740	741	*221
Defective Yards ... ..	2	2	4	4
No slop sinks ... ..	24	—	24	24
Smoky chimneys ... ..	1	—	1	1
Defective drainage ... ..	5	—	5	5
Sites of Condemned Houses not cleared ... ..	—	25	25	10
Slaughter Houses :—				
Floors, walls, etc., dirty ... ..	11	—	11	11
Lairages dirty ... ..	12	—	12	12
Offall not removed ... ..	8	—	8	8
Whitewashing required ... ..	4	—	4	4
Animals kept in slaughter houses	1	—	1	1
Dairies and Cowsheds :—				
Manure not removed ... ..	1	—	1	1
Structural defects ... ..	12	—	12	7
Cows quarters and udders dirty	4	—	4	4
Floors, walls, stools, etc., dirty ...	23	—	23	23
Insufficient dairies ... ..	3	—	3	2
Manure heap too near Cowshed ...	1	—	1	1
Insufficient water supply ...	2	—	2	1



TABLE VIII.—Continued.

	In- formal Notices.	Statu- tory Notices.	Total.	Number complied with.
Scavenging :—				
Not sweeping up properly ...	2		2	2
No covers on carts or waggon ...	3	—	3	3
House refuse not removed regul- arly ... ..	5	—	5	5
Papers, etc., blowing off refuse				
Tip ... ..	4	—	4	4
Other Nuisances :—				
Animals improperly kept ...	1	1	2	2
Fish and Chip Shops Dirty ...	4	—	4	4
Old Buildings in dangerous con- dition ... ..	4	—	4	3
Sewage running into water course	3	—	3	3
Rat infestation ... ..	3	—	3	3
Pig-styes. No drainage, etc. ...	2	2	4	4
Builder's Refuse left lying ...	1	—	1	1
Accumulation of manure ...	4	—	4	4
Caravans :—No Drainage, etc. ...	2	2	4	—
Totals ...	248	1670	1919	919

\* Notices served during 1937.

**HOUSING.**1. *Inspection of Dwelling Houses during the year :—*

(1) (a)	Total number of dwelling houses inspected for housing defects (under the Public Health and Housing Acts)...	1861
(b)	Number of inspections made for the purpose ... ..	8331
(2) (a)	Number of Dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ..	1816
(b)	Number of inspections made for the purpose ... ..	8328
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation ... ..	898
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation... ..	963

2. *Remedy of defects during the year without the service of Formal Notices :—*

	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..	58
--	--	----

3. *Action under Statutory Powers during the year :—*

## A.—Proceedings under Sections 9, 10, and 16, Housing Act, 1936 :

(1)	Number of Dwelling houses in respect of which Notices were served requiring repairs ... ..	Nil.
(2)	Number of dwelling houses which were rendered fit after service of Formal Notices :—	
(a)	By Owners ... ..	Nil.
(b)	By Local Authority in default of Owners ... ..	Nil.

## B.—Proceedings under the Public Health Acts :

(1)	Number of dwelling houses in respect of which Notices were served requiring defects to be remedied ... ..	740
(2)	Number of dwelling houses in which defects were remedied after Formal Notices :—	
(a)	By Owners ... ..	7
(b)	By Local Authority in default of Owners ... ..	113

## C.—Proceedings under Sections 11 and 13 of Housing Act, 1936 :

(1)	Number of dwelling houses in respect of which Demolition Orders were made ... ..	643
*(2)	Number of dwelling houses demolished in pursuance of Demolition Orders ... ..	418

\*(Notices served during 1936-1937)

## D.—Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in which Closing Orders were made	... ..	Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit	... ..	Nil.

## E.—Action under the Housing Act, 1936 :—

(1) Number of dwelling houses which on inspection were considered to be totally unfit for human habitation	...	898
(2) Number of dwelling houses, the defects of which were remedied in consequence of Informal Action by the Local Authority or their Officers	... ..	58
(3) The number of Representations made to the Local Authority with a view to :—		
(a) Serving of Notices requiring execution of work	... ..	Nil.
(b) The making of Demolition or Closing Orders		898
(4) The number of Notices served requiring the execution of works	... ..	Nil.
(5) The number of houses which were rendered fit after service of Formal Notices	... ..	26
(6) The number of Demolition Orders made	... ..	643
(7) The number of houses for which an undertaking was accepted under Section 19, Sub-section (2) of the Housing Act, 1930	... ..	399
(8) The number of houses demolished	... ..	418

## F.—Action under the Housing (Rural Workers) Act, 1926 :—

Number of houses reconstructed under the above	...	154
--	-----	-----

*Housing Act, 1936—Part IV :—Overcrowding :—*

(a) (1) Number of dwelling houses overcrowded at end of year...	454
(2) Number of families dwelling therein	... .. 473
(3) Number of persons dwelling therein	... .. 2563
(b) No. of new cases of overcrowding reported during the year	... 10
(c) (1) Number of cases of overcrowding relieved during year	... 125
(2) Number of persons concerned in such cases	... .. 797

As can be observed from the foregoing statement, 1938 has been another year of intense activity in dealing with housing conditions in the District. The programme of rehousing from condemned properties and dealing with cases of overcrowded families is now well in hand and it affords much satisfaction that during 1938, 579 Council houses were completed and occupied by 454 families from condemned houses and by 125 families who had been living in overcrowded conditions. The programme for rehousing, which already had seemed very extensive, had to be added to during the year, as 643 more demolition orders were made and in addition housing accommodation has to be provided on account of making back-to-back houses into through-houses and enforcing the closure of attic bedrooms which could not be made to comply with the bye-laws.



PARISH.	NUMBER OF HOUSES.						Parish Total.			
	Completed.			Building in Progress.				Not Commenced.		
	Unfit Houses.	Over- crowding	Total.	Unfit Houses.	Over- crowding	Total.		Unfit Houses.	Over- crowding	Total.
Bearpark ...	8	62	70	2	14	16	—	—	—	86
Belmont ...	66	—	66	—	—	—	13	16	29	95
Cassop-cum-Quarington	165	6	171	14	—	14	52	36	88	273
Coxhoe ...	275	88	363	147	—	147	55	42	97	607
Framwellgate Moor	64	15	79	11	13	24	—	—	—	103
Hett ...	—	—	—	—	—	—	3	1	4	4
Kelloe ...	—	—	—	*52	—	52	31	9	40	92
Kimbleworth	1	22	23	—	—	—	—	—	—	23
Pittington...	86	28	114	—	—	—	106	—	106	220
Shadforth	229	1	230	88	6	94	4	10	14	338
Sherburn ...	184	12	196	60	—	60	104	15	119	375
Sherburn House	19	1	20	—	—	—	—	—	—	20
Shincliffe ...	—	—	—	—	—	—	19	8	27	27
Sunderland Bridge	9	9	18	—	—	—	—	—	—	18
West Rainton	—	—	—	—	—	—	215	10	225	225
Witton Gilbert	†9	—	9	24	—	24	4	22	26	59
Totals ...	1115	244	1359	398	33	431	606	169	775	2565

\* Houses condemned by Easington R.D.C.

† Houses transferred from Chester-le-Street R.D.C.



INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

There are 132 Milk Producers registered in the District, and 15 premises registered for the sale of Milk by retail only. There are also 14 persons registered to sell Milk by retail in the district whose premises are situated outside the Rural Area.

Strict supervision was again maintained over the Dairy farms and Dairies in the district. For this purpose, 191 inspections were made, and 55 informal notices were served on Milk Producers for infringement of the Milk and Dairies Order of 1926.

The following repairs and alterations to cowsheds have been carried out during the year 1938 :—

White House, Bearpark ... ..	Repairs to roof.
Moorsley Banks Farm, Bearpark	New dairy.
Aldin Grange Farm, Bearpark ...	Cowshed reconstructed and enlarged, and new dairy.
Frankland Farm, Durham ...	Cowshed reconstructed.
Village Farm, West Rainton ...	Stalls laid with concrete, new concrete partition. Floor relaid.
Glebe Farm, Kelloe ... ..	Cowshed reconstructed.

MEAT INSPECTIONS.

Number of Inspections :—

Slaughter houses ... ..	578
Butchers' Shops ... ..	630
Meat Inspections ... ..	614

CARCASES INSPECTED AND CONDEMNED.

	Cattleex- cluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number Inspected ... ..	921	381	42	2997	744
ALL DISEASES EXCEPT T.B. :—					
(1) Whole Carcases condemned ...	—	—	1	2	—
(2) Carcases of which some part or Organ was condemned... ..	—	—	—	—	—
Percentage of the number inspected affected with disease other than T.B. ... ..	—	—	2.4%	.07%	—
TUBERCULOSIS ONLY :—					
(1) Whole Carcases condemned ...	1	1	1	—	—
(2) Carcases of which some part or Organ was condemned ... ..	—	—	—	—	—
Percentage of the number inspected affected with Tuberculosis ...	.001%	.26%	2.4%	—	—



## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

During the year 1938 there were notified 121 cases of Scarlet Fever, being an increase on 83 cases during the previous year. These cases occurred in all parts of the District, the heaviest incidence being in Sherburn Parish during the latter months of the year. As a rule, the infection continued of a mild clinical type.

The epidemic of Diphtheria, which had been prevalent for over two years, particularly in the south-eastern part of the District, continued for the first few months of 1938. There was a welcome decrease from 342 cases in 1937 to 160 cases in 1938. Of these cases 83 occurred in the parishes of Coxhoe and Cassop-cum-Quarrington. The infection maintained its severity and 17 deaths resulted.

The response to the offer of free immunisation of children under 15 years of age continues to be most disappointing and during 1938 the offer was accepted for 52 children only. Appended is a table showing the number of immunisations performed in various parishes since the inception of the scheme in April, 1936 :—

<i>Parish</i>	<i>No. of Immunisations.</i>					
Bearpark ... ..	...	...	...	...	...	446
Belmont ... ..	...	...	...	...	...	351
Cassop-cum-Quarrington ... ..	...	...	...	...	...	159
Coxhoe ... ..	...	...	...	...	...	276
Framwellgate Moor ... ..	...	...	...	...	...	198
Hett ... ..	...	...	...	...	...	4
Kelloe ... ..	...	...	...	...	...	20
Kimblesworth ... ..	...	...	...	...	...	18
Pittington ... ..	...	...	...	...	...	108
Shadforth ... ..	...	...	...	...	...	184
Sherburn ... ..	...	...	...	...	...	353
Shincliffe ... ..	...	...	...	...	...	46
Sunderland Bridge ... ..	...	...	...	...	...	1
West Rainton ... ..	...	...	...	...	...	225
Witton Gilbert ... ..	...	...	...	...	...	94
Total ... ..	...	...	...	...	...	2483

The practice of “ swabbing ” the throats of direct contacts of Diphtheria cases was continued and appropriate measures taken with “carriers” found as a result.

Antitoxin is supplied free to doctors practising in the area, but the practice of notification by telephone and immediate removal to hospital is generally followed.



Bacteriological Examinations.

		Positive.	Negative.	Inconclusive.
Tuberculosis	...	13	117	—
Diphtheria	...	75	433	29
Enteric (including Paratyphoid)	...	—	2	—

No use has been made of Schick testing in Diphtheria or Dick testing in Scarlet Fever. During the year 309 houses were disinfected by the Sanitary Inspectors, formalin fumigation being the method usually adopted.

TUBERCULOSIS.

TABLE X.—New Cases and Mortality during the Year 1938 in Durham Rural District.

Age Periods.			New Cases.				Deaths.			
			Pulmonary		Non-pulmonary.		Pulmonary.		Non-pulmonary.	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	3	...	...	...	3	...
5	...	...	1	...	2	...	...	...	...	...
10	...	...	...	1	2	5	...	...	...	...
15	...	...	1	2	2	3	1	1	...	...
20	...	...	...	...	...	2	2	...	...	...
25	...	...	1	2	2	...	3	...	1	...
35	...	...	...	1	...	...	5	...	...	...
45	...	...	4	2	...	1	2	1	...	...
55	...	...	1	1	1	...	1	...	...	...
65 and upwards	...	...	...	...	...	...	...	1	...	...
Totals	...	...	8	9	12	11	14	3	4	...

In 5 out of these 21 deaths from Tuberculosis, no notification of Tuberculosis had been received and communications were addressed to the doctors who had been in attendance, pointing out the importance of immediate notification and indicating the penalty for failure to notify.

No necessity arose during the year to take any action under the Public Health (Prevention of Tuberculosis) Regulations, 1925, relating to tuberculosis employees in the milk trade, nor was it found necessary to advise the Council to apply for an order, under Section 62 of the Public Health Act, 1925, for compulsory removal to hospital in any instance.

REPORT on the administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937 (which superseded the Act of 1901 on 1st July, 1938).

FORM 572. 1.—INSPECTIONS for purposes of provisions as to health.

Premises.  (1)	Number of		
	Inspec- tions. (2)	Written Notices. (3)	Occupiers prosecu- ted. (4)
Factories with mechanical power ...	13	3	—
Factories without mechanical power	9	2	—
† Other Premises under the Act (in- cluding works of building and engineering construction but not including outworkers' premises)	9	1	—
Total ...	31	6	—

† Electrical Stations should be reckoned as factories.

## 2.—DEFECTS FOUND.

Particulars.  (1)	Number of Defects.			Number of defects in respect of which Prosecu- tions were instituted. (5)
	Found. (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness (S.1) ...	4	4	...	...
Overcrowding (S.2) ...	...	...	...	...
Unreasonable temperature (S.3) ...	...	...	...	...
Inadequate ventilation (S.4) ...	...	...	...	...
Ineffective drainage of floors (S.6) ...	...	...	...	...
Sanitary Conveniences (S.7) { insufficient ...	2	2	...	...
{ unsuitable or defective ...	...	...	...	...
{ not separate for sexes ...	...	...	...	...
Other offences ...	...	...	...	...
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Work- shops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937).				
Total ...	6	6	...	...









